

Amendments to the Specification

At page 1 line 1 please replace the title with the following title:

COLLIMATED VISUAL DISPLAY APPARATUS

Please replace the first paragraph at page 1 lines 1 – 4 with the following paragraph and headings:

FIELD OF THE INVENTION

This invention relates to collimated visual display apparatus and, more especially, this invention relates to collimated visual display apparatus comprising an aspheric screen and a curved collimating mirror. The collimated visual display apparatus may be for use in simulators used for training, research, leisure or entertainment.

SUMMARY OF THE INVENTION

After page 3 line 3 please insert the following heading:

SUMMARY OF THE INVENTION

Please replace the two paragraphs at page 3 lines 6 – 18 with the following two paragraphs:

Accordingly, the present invention provides collimated visual display apparatus comprising an aspheric screen and a curved collimating mirror, characterised in that the aspheric screen is not a surface of revolution about an axis, the aspheric screen comprises first and second parts which are separated from each other by a third part, the first and second parts are curved in cross section and if connected together then they would form a surface of revolution, the third part is straight in cross sectional view and is a short cylindrical centre section, and the collimated visual display apparatus is such that the aspheric screen has an outer curved surface that is viewed via the curved collimating mirror by a user of the collimated visual display apparatus.

The use of the aspheric screen makes it possible to achieve a larger vertical field of view with no downward bias, without a substantial increase in the size or complexity of the collimated visual display apparatus.

Please replace the paragraph at page 4 lines 3 – 6 with the following paragraph:

The present invention also provides a simulator when including the collimated visual display apparatus. The simulator may be used for any suitable and appropriate purposes including training, research, leisure or entertainment.

Please replace the paragraph at page 5 lines 6 – 11 with the following:

Referring now to Figure 4, there is shown a simulator 14 containing collimated visual display apparatus including the aspheric screen 12, a curved collimating mirror 16 and projectors 18. Apart from the provision of the collimated

visual display apparatus with the aspheric screen 12 and the curved collimating mirror 16, the simulator 14 may be of standard construction. Thus the simulator 14 has a cockpit 20 and a motion system 22. The motion system 22 may be any suitable and appropriate motion system 22.